

Title (en)
Burner head.

Title (de)
Verbrennungskopf.

Title (fr)
Tête de brûleur.

Publication
EP 0414050 B1 19941228 (DE)

Application
EP 90115233 A 19900808

Priority
DE 3927834 A 19890823

Abstract (en)
[origin: EP0414050A2] A gasification oil burner with an oil-atomising device has, for creating an injector effect for the recirculation of flame gases, a plurality of air duct endpieces (14 to 21) or (39 to 46) with air outlet slots (24), arranged in the shape of a star around the nozzle bore (5) of a pressure atomising nozzle (4). The combustion air emerging from the air outlet slots (24) is mixed with the flame gases drawn in as a result of the injector effect and brings about gasification of the oil spray in front of the nozzle bore (5). <IMAGE>

IPC 1-7
F23D 11/40; F23C 9/00

IPC 8 full level
F23C 9/00 (2006.01); **F23D 11/40** (2006.01)

CPC (source: EP)
F23D 11/40 (2013.01)

Cited by
DE4327088A1; CN109764335A

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EP 0414050 A2 19910227; **EP 0414050 A3 19920108**; **EP 0414050 B1 19941228**; AT E116419 T1 19950115; DE 3927834 A1 19910228; DE 59008116 D1 19950209

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